

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	260	(131/173).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 11:05
S2	70	S1 and (thread or threaded or screw)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 08:51
S3	260	(131/173).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 11:05
S4	0	S3 and (replace near20 male near20 thread)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 11:06
S5	0	S3 and (substitute near20 male near20 thread)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 11:06
S6	0	S3 and (substitute near20 (thread or screw))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 11:06
S7	1	S3 and (replace near20 (thread or screw))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 11:08
S8	22656	(well adj known) near20 (substitute replace) near "20" (male adj thread) (female adj thread)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 11:11

## EAST Search History

S9	0	(well adj known) near30 (substitute replace) near30 (male adj thread) near30 (female adj thread)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 11:11
S10	0	(known) near50 (substitute replace) near50 (male adj thread) near50 (female adj thread)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 11:12
S11	0	(known) near50 (substitute replace) near50 (male adj thread)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 11:12
S12	3	known near50 (substitute replace) near50 (screw or thread) near50 male	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 11:32
S13	57	(known typical usual customary common ordinary regular frequent widespread) near50 (substitute replace alternate trade change known typical usual) near50 (screw or thread) near50 male near50 female	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 12:02
S14	1	Hooka.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 12:03
S15	6889	(water adj pipe).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 12:03
S16	78	S15 and smoke.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 13:47

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S17	6889	(water adj pipe).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 13:47
S18	78	S17 and smoke.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 13:47
S19	0	S18 and pressure Near10 relief	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 13:48
S20	0	131-173.ccls. and pressure Near10 relief	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 13:48
S21	0	131-173.ccls. and relief adj valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 13:49
S22	0	131/173.ccls. and relief adj valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 13:49
S23	260	131/173.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 13:49
S24	0	131/173.ccls. and over near2 pressure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 13:50

## EAST Search History

S25	0	131/173.ccls. and relief near2 pressure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 13:52
S26	47	131/173.ccls. and pressure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 12:30
S27	1	131/173.ccls. and plenum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 14:50
S28	208	"131"/\$.ccls. and plenum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 14:50
S29	959	(water adj pipe hookah bong) and (case bag holder) near30 (carry transport hold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 10:26
S30	639	(water adj pipe hookah bong) and (case bag holder) near8 (carry transport hold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 10:26
S31	296	(water adj pipe hookah bong) and (case bag holder) near3 (carry transport hold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 10:27
S32	10	(water adj pipe hookah bong) Near10 (case bag holder) near10 (carry transport hold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 10:28

## EAST Search History

S33	68	(hookah bong) and (case bag holder) near10 (carry transport hold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 10:31
S34	0	131/173.ccls and (case bag) near30 (carry transport hold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 10:31
S35	0	131/173.ccls and (case bag) and (carry transport hold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 10:32
S36	0	131/173.ccls and (case bag)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 10:32
S37	57	131/173.ccls. and (case bag)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 10:32
S38	57	(131/173).ccls. and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 11:48
S39	3	(131/173).ccls. and ball near10 pressure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 11:48
S41	388	pressure near10 relief near10 valve near10 (vessel glass container tank) near10 (known typical usual customary common ordinary regular frequent widespread)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 12:39

## EAST Search History

S42	5	pressure near10 relief near10 valve near10 (jar glass) near10 (known typical usual customary common ordinary regular frequent widespread)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 12:42
S43	56	pressure near10 relief near10 valve near10 (container vase pot jug bottle pitcher) near10 (known typical usual customary common ordinary regular frequent widespread)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 12:56
S44	9	pressure near10 relief near10 valve near10 (vessel) near10 (well adj known)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 12:57
S45	9	(US-3872872-\$ or US-4133318-\$ or US-0722405-\$).did. or (US-1513147-\$ or US-3451785-\$ or US-2376628-\$ or US-2343952-\$ or US-1818272-\$).did. or (US-5852924-\$).did.	USPAT; USOCR; DERWENT	OR	ON	2006/09/18 11:13
S46	2	("1579703").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/18 11:32
S47	264	131/173.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 17:42
S48	0	d27.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 17:43
S49	0	d/27.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 17:43
S50	10146	D27/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 17:44

## EAST Search History

S51	56	D27/\$.ccls. AND PIPE AND (WATER OR LIQUID OR BONG)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/23 09:10
S52	51937	hooka or water adj pipe not 131/173.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/23 09:12
S53	51872	"131"/\$.ccls. hooka or water adj pipe not 131/173.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/23 09:12
S54	45	"131"/\$.ccls. (hooka or water adj pipe) not 131/173.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/23 09:13
S55	65	hooka not "131"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/23 09:14